



MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

Horton Automatics Division of Overhead Door
4242 Baldwin Boulevard
Corpus Christi, TX 78405

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "110" (O-Sx-Sx-O) Aluminum Automatic Sliding Door w/ Breakout

APPROVAL DOCUMENT: Drawing No. 110706, titled "Series 2001/110 Impact Slide", sheets 1 through 5 of 5, prepared by manufacturer, dated 11/07/06 and last revised on 08-21-2013, signed and sealed by John E. Scates, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitations:

1. Not approved where water infiltration is required.
2. Electrical/ Electronic functions are not part of this approval and to be reviewed by appropriate Bldg. official.
3. See sheet 3 for max DLO for optional Muntins.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews NOA # 12-0801.04 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No. 13-0530.12
Expiration Date: August 21, 2018
Approval Date: August 22, 2013
Page 1

8/27/13

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under file # 12-0801.04)
2. Drawing No. 110706, titled "Series 2001/110 Impact Slide", sheets 1 through 5 of 5, prepared by manufacturer, dated 11/07/06 and last revised on 08-21-13, signed and sealed by John E. Scates, P.E.

B. TESTS (submitted under file # 12-0801.04/ #08-0410.16)

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94 (Not conducted)
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with installation diagram of an aluminum automatic sliding glass doors, prepared by Hurricane Testing Laboratories, Test Report No. HTL-0322-1103-07, dated 03/14/08 and revised on 06/12/08 by an addendum letter, signed and sealed by Vinu Abraham, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis complying w/ FBC 2007, dated 03/12/08 and last revised on 09/09/08, prepared, signed and sealed by John E. Scates, P.E. (submitted under file # 12-0801.04/ #08-0410.16)
2. Glazing complies w/ ASTM E-1300-02 & -04

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 12-1231.08 issued to Eastman Chemical Co. (MA) former Solutia, Inc. for their "Saflex-CP Saflex HP Composite Glass @ interlayer w/ PET core", expiring on 12/11/2018

F. STATEMENTS (All items except #1, submitted under files #12-0801.04/ #08-0410.16)

1. Statement letter dated May 13, 2013, issued by Horton Automatics requesting renewal with "No Change", signed by Federico Romero, Director of Engineering.
2. Statement letter of conformance to FBC 2010 & "No financial interest", dated June 29, 2010, signed & sealed by John E. Scates, P.E. (submitted under file # 12-0801.04).
3. Statement letter of conformance to FBC 2007 & "No financial interest", dated 03/12/08, signed & sealed by John E. Scates, P.E. (submitted under file # 08-0410.16)
4. Addendum letter dated 06-12-08, issued by Hurricane Testing lab, signed and sealed by Vinu Abraham, P. E.
5. Lab compliance as part of the above referenced test report.

G. OTHER

1. This NOA revises & renews NOA # 12-0801.04, expiring on August 21, 2013.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 13-0530.12

Expiration Date: August 21, 2018
Approval Date: August 22, 2013

SEE EDGE DETAILS
SEE SHEET 3

SEE SHEET 3 —
FOR ANCHOR DETAILS
AND MIN. EDGE DISTANCE

EMBEDMENT -
SEE SHEET 3

EMBEDMENT
SEE NOTES ON
SHEET 3

1/4" Shim
(MAX.)

STRIKE RAIL (SX)

INTERLOCK RAIL (O)

FIXED RAIL (O)

— EMBEDMENT AND
MIN EDGE DIST.
SEE SHEET 3

1/4" Shim
(MAX.)

EXTERIOR
HORIZONTAL SECTION

1. This product has been designed and tested to comply with the current Florida Building Code, including High Velocity Hurricane Zone (HVHZ).
2. Electrical/Electronic functions are not part of this approval and must be reviewed by appropriate building official.
3. See anchor installation details concerning types, substrate, edge distance, spacing and embedment on sheet 3.
4. 1x or 2x wood bucks by others must be secured properly to transfer loads using appropriate fasteners and quantities. Fasteners to secure wood buck must penetrate concrete or grouted CMU jamb substrate minimum 2.0" at head and sill.
5. Permit holder shall verify the adequacy of the existing structure to withstand additional imposed loads.
6. 1/4" max shim allowed. Type of shim to comply with Florida Building Code and be capable of resisting frame rotation.
7. All structural extrusions are 6063-T5 Aluminum with typical thickness of 1/8", unless otherwise specified.

JOHN E. SCATES
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737

A circular professional engineer seal for John E. Scates. The outer ring contains the text "JOHN E. SCATES" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside this ring, the word "LICENSE" is at the top, "No. 51737" is in the center, and "STATE OF FLORIDA" is at the bottom, also separated by two stars. The seal has a dashed inner circle and a solid outer circle.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0530-12
Expiration Date AUG 21, 2018
By [Signature]
Miami-Dade Precinct Council

UNIT HEIGHT 7'-8" (92") MAX.

INTERIOR

HORTON SERIES 2001 HEADER
6" (152.4) X 8" (203.2)

EXTERIOR

NOTE:
5 X SCREWS (ITEM 36) TO FASTEN FIXED
PANEL TO FIXED CORNERBLOCK (ITEM 14),
2 SCREWS MOUNTED 1.00" FROM ENDS
OF CORNER BLOCK WITH OTHER 3
SCREWS EVENLY SPACED

NOTE:
SEE GLAZING DETAIL SEE SHEET 2

- NOTE:
FIXED PANEL'S BOTTOM RAIL (ITEM 9) TO BE
SLIP FIT ON TO CORNER BLOCK (ITEM 14)

Available Unit Sizes:
14'-0"W X 7'-8"H Max size (0-SX-SX-0)

Panel Width nom. door	Net Slide opening
2@42-7/8=85-3/4"	71 1/4"

EXTERIOR ELEVATION,

EXTERIOR

FLOOR PLAN

EMERGENCY
BREAKOUT
TYPE A13

1/8" X 4" X 6" ALUMINUM SHIM
LOCATED AT C/L FOR
LOCKBOLTS SECURED WITH
(4) #10X1/2 FHS/MS
MATCH DRILL

SILL THRU NET /
SLIDE OPENING

SLIDE OPENING

SIDE OPENING


THRESHOLD DETAIL

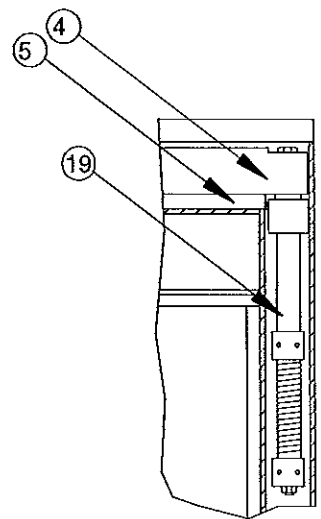
3 - Point Lock
(See Sheet 4)

Bi - Parting Slide Doors	
Where Water Infiltration Requirement is needed	Where Water Infiltration Requirement is NOT needed
Not Approved	± 80 PSF

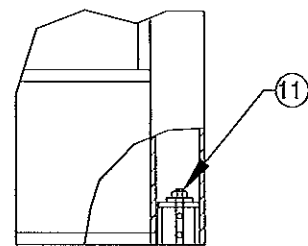
Series 110 Impact Slide

NO	REVISIONS DESCRIPTION	DATE	ARCHITECT:
2	REINFORCED STRIKE PNL	06/13/07	CONTRACTOR:
3	UPDATED DWG PER UNIT TESTED	12/17/07	SERIES: 110 TYPE: "O-SX-SX-O"
4	ADDED ITEMS 51 & 52	03/14/08	STYLE: NARROW FINISH:
5	ADDED +/- 80PSF RATING	03/20/08	ACTUATION:
6	REVISED PER METRO DATE ENGR	05/27/08	2001/110 Large and Small Impact Slide Dwg. #11070
7	REVISED PER METRO DATE ENGR	07/15/08	
8	REVISED SEALANT DETAILS	04/23/09	
9	REVISED FOR NOA REVIEWAL	08/09/13	

 Horton <small>Automatics</small>	A DIVISION OF OVERHEAD DOOR CORP. 4242 BALDWIN BOULEVARD CORPUS CHRISTI, TEXAS 78405-3399 361-888-5591 1-800-531-3111 FAX: 361-888-6510, 1-800-531-3108	
	JOB METRO-DADE	
	LOCATION:	
	DISTRIBUTOR:	
DATE: 11/07/06	P.O. #	REV 1 of 5
CHK: J. LAXEY	DATE 11/07/06	REVISION 9

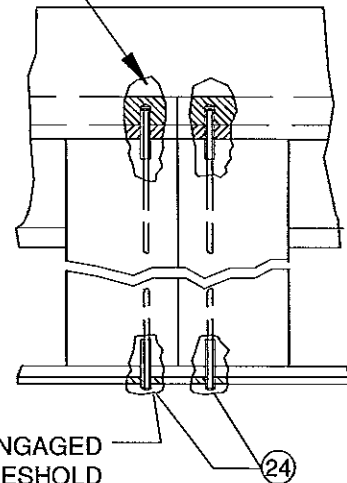


"SX" PANEL
TOP PIVOT



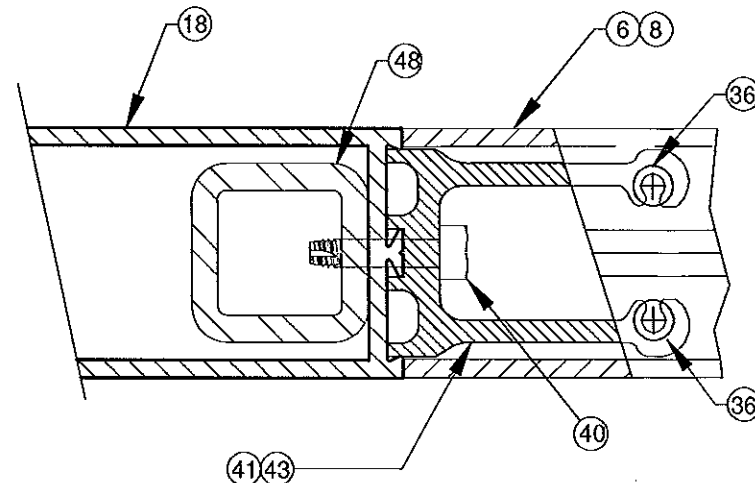
"SX" PANEL
BTM. PIVOT

24 LOCK BOLT ENGAGED
IN TOP BREAKAWAY
BARS AT HEADER



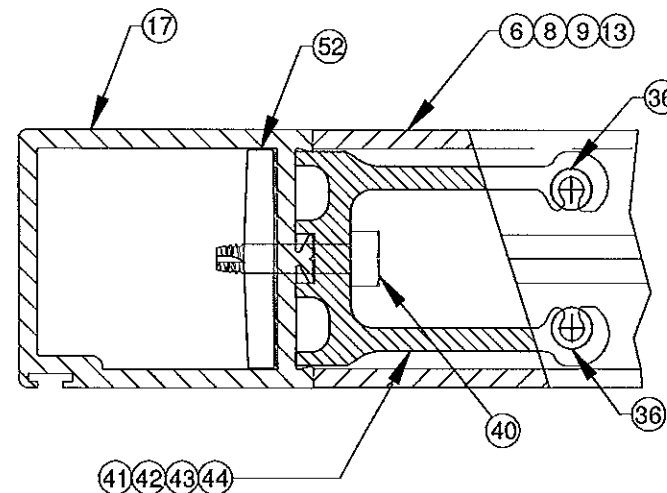
LOCK BOLT ENGAGED
IN THRESHOLD

LOCK BOLT DETAIL
3-POINT LOCK



CONNECTION BLOCK
WITH REINFORCEMENT

STRIKE RAIL (SX)



CONNECTION BLOCK

INTERLOCK RAIL (SX)
INTERLOCK RAIL (O)
FIXED RAIL (O)

WEATHERSEALS:
C350 NOSING SEAL
C524-FL SIDE PANEL BOTTOM SEAL
C293 WEATHER SEAL

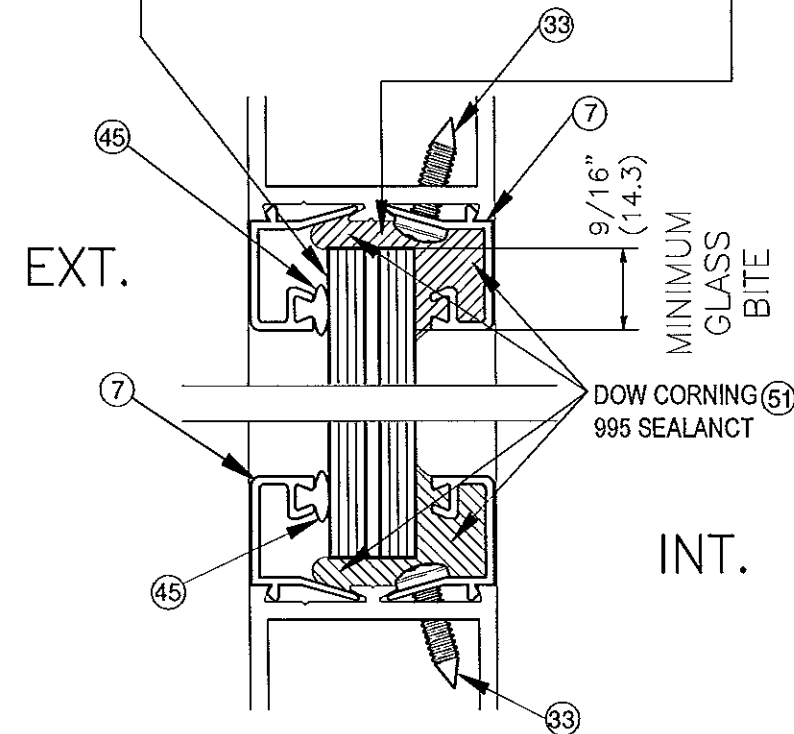
HARDWARE:
C883 THRESHOLD/HEADER BOLT

SCHLEGEL CORP. SKIRTING SEAL #1104-5101
FELTON NYLON BRISTLE #490621
SCHLEGEL CORP. #8430-5016-7

ADAMS-RITE #4015

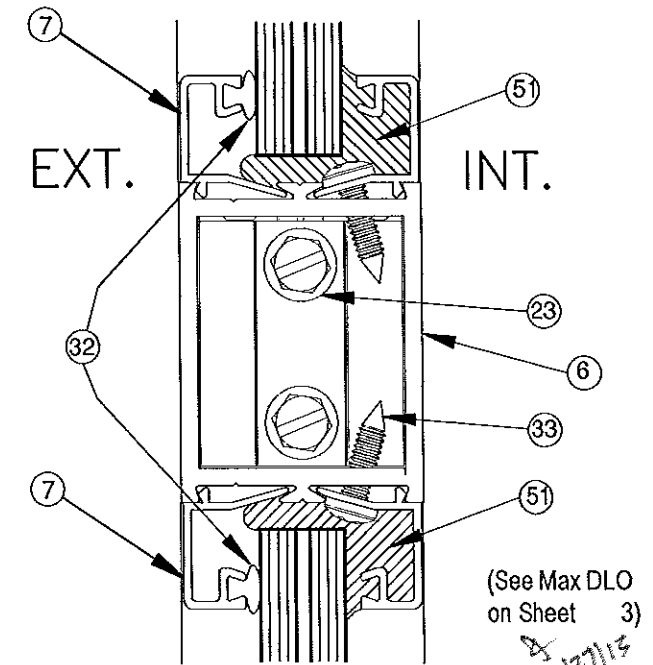
* 9/16" thick (nominal) Laminated Glass consisting of
the following components:
* Safflex CP: Composite glass interlay w/ PET core
by Eastman Chemical Co. (MA)

* Interior wet glazed with Dow Corning 995
* Exterior side snap-in glazing bead with vinyl wedge
* Minimum glass bite 9/16"



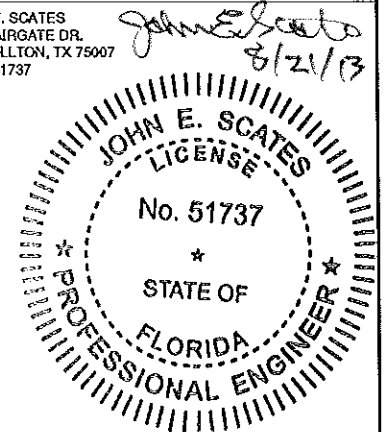
GLAZING DETAIL

SANTOPRENE GASKET (ITEM 45) MIN 67
SHORE A DUROMETER FROM CENTRAL
PLASTICS INC.



MUNTIN OPTION

JOHN E. SCATES
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737



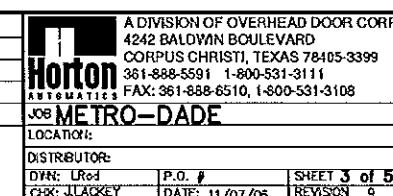
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0530-12
Expiration Date 8/21/18
Rev. 1/26/18
Revised Detail/Section/Options

Series 110 Impact Slide

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
2	REINFORCED STRIKE RAIL	08-13-07	CONTRACTOR:
3	UPDATED DWG PER UNIT TESTED	12-17-07	SERIES: 110
4	ADDED ITEMS 51 & 52	03-14-08	STYLE: NARROW/FINISH:
5	ADDED +/- 80 PSF RATING	03-20-08	ACTUATION:
6	REVISED PER METRO DAVE ENGR	05-27-08	
7	REVISED PER METRO DAVE ENGR	07-15-08	
8	REVISED SEALANT DETAILS	04-23-09	
9	REVISED FOR NOA REVIEW	08-08-13	

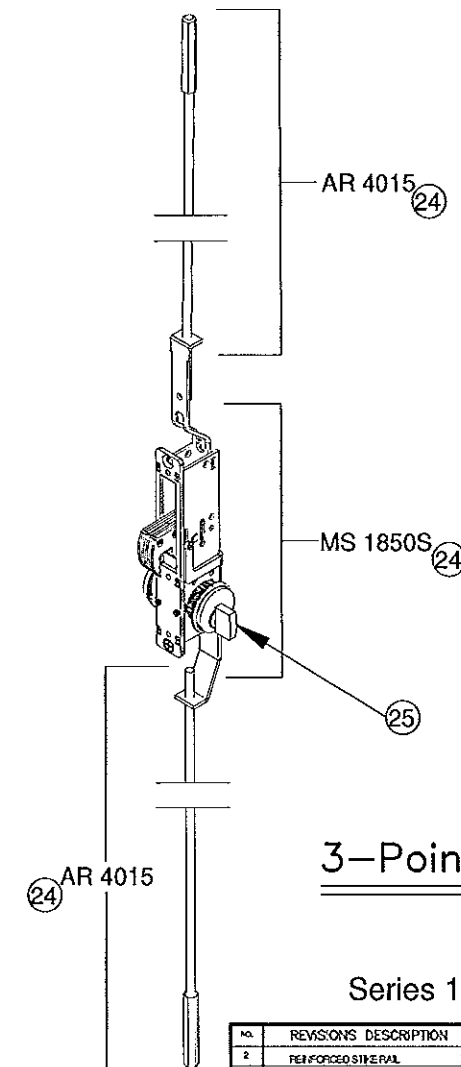
Misc. Details
Dwg. No. 110706

A DIVISION OF OVERHEAD DOOR CORP. 4242 BALDWIN BOULEVARD CORPUS CHRISTI, TEXAS 78405-3399 361-888-5591 1-800-531-3111 FAX: 361-888-6510, 1-800-631-3108		
Horton		
JOB: METRO-DADE		
LOCATION:		
DATE: 1/26/18	P.O. #	SHEET 2 of 5
CHK: J. LACKY	DATE: 11/07/08	REVISION: 9



ITEM #	HORTON PART NUMBER	DESCRIPTION
1	C03600.005AB	ALUMINUM EXTRUSION: HEADER
2	C03601.002AB	ALUMINUM EXTRUSION: HEADER FACEPLATE
3	C00358.000R	ALUMINUM EXTRUSION: ASTRAGAL
4	C00314.0000	ALUMINUM EXTRUSION: INTERLOCK TOP
5	C00327.0000AB	ALUMINUM EXTRUSION: INTERLOCK LOWER
6	C00337.000R	ALUMINUM EXTRUSION: TOP RAIL (SX) & MUNTIN (SX/O)
7	C00379.001ABC	ALUMINUM EXTRUSION: GLASS STOP
8	C00336.0001	ALUMINUM EXTRUSION: BOTTOM RAIL (SX)
9	C00325.0002	ALUMINUM EXTRUSION: BOTTOM RAIL (O)
10	C00315.0000	ALUMINUM EXTRUSION: TRACK FILLER
11	C00330.0001	ALUMINUM EXTRUSION: BOTTOM GUIDE
12	C00386.0001	ALUMINUM EXTRUSION: ADAPTOR
13	C02801.0000	ALUMINUM EXTRUSION: TOP RAIL (O)
14	C02899.0002	ALUMINUM EXTRUSION: CORNER BLOCK (USED AS REINFORCEMENT)
15	C00390.0000	ALUMINUM EXTRUSION: THRESHOLD 7"
16	C00351.0000	ALUMINUM EXTRUSION: JAMB TUBE 4" X 1-3/4 W/ POCKET
17	C00335.000R	ALUMINUM EXTRUSION: VERTICAL RAIL (SX/O INTERLOCK) (O FIXED)
18	C00363.0000	ALUMINUM EXTRUSION: VERTICAL RAIL (SX STRIKE)
19	C00818.000R	BAR TORSION
20	C00524.00FL	WEATHERSEAL BRUSH (FELTON #490621)
21	C00350.0000	NOSING SEAL SCHLEGEL #1104-5101
22	C00397.0000	ADAPTER FOR C00389.01FL
23	C00293.0000	WEATHER SEAL BRUSH SCHLEGEL #8430-5016-7
24	C00454.0000	LOCK, ADAMS RITE MS1850S W/ ADAMS RITE 4015 HEADER/THRESHOLD BOLT
25	C00463.0000	THUMBTURN ADAMS RITE 4066
26	C02098.0000	SECURITY POST; 1/2" O.D. X 3/4" LG X .083" WALL ALUM. TUBE
27	C00883.0000	3/8 HEXT BOLT ADAMS RITE 4015 EXTENDING INTO HEAD AND SILL 1/2"
28	C00843.01FL	BOTTOM GUIDE DOOR MOUNTED
29	C00844.01FL	BOTTOM GUIDE DOOR MOUNTED
30	C03638.0000	HEADER & FACEPLATE SUPPORT
31	C00371.000R	WEATHERSTRIP; PANEL TO JAMB
32	C00664.0001	#8 X 3/4 FHSMS
33	C09653.0000	#10 X 3/4 FHSMS
34	C00404.0000	1/4-20 LOCK NUT
35	C00417.0000	#14 X 1-1/2 HWSMS
36	C00449.0000	#10-24 X 1 FHMS
37	C03682.0006	DRIVE WHEEL ASSEMBLY
38	C03681.0001	IDLER WHEEL ASSEMBLY
39	C08151.0000	1/4-20 X 1 FHMS
40	C08150.0000	1/4-20 X 3/4 HHMB

ITEM #	HORTON PART NUMBER	DESCRIPTION
41	C00537.000R	CORNER BLOCK (SX TOP) (SX/O MUNTIN)
42	C09490.0001	CORNER BLOCK (O TOP)
43	C00536.0001	CORNER BLOCK (SX BOTTOM)
44	C09582.0002	CORNER BLOCK (O BOTTOM)
45	C00341.0001	VINYL GLAZING BULB
46	C00289.0000	TRACK CAP
47	C00389.01FL	INTERLOCK SEAL SCHLEGEL #7595-6011-0
48	C01905.0000	STEEL TUBE (1-1/4" X 1-1/4" X 3/16" X 80.50") A-36
49	C00437.000AB	#10-24 X 1/2 FHSMS
50	C00353.0000	COVER; RECESS - JAMB
51	C01485.0001	SILICONE; GLAZING (#995 DOW CORNING)
52	C00538.000R	BACKUP PLATE; CRS



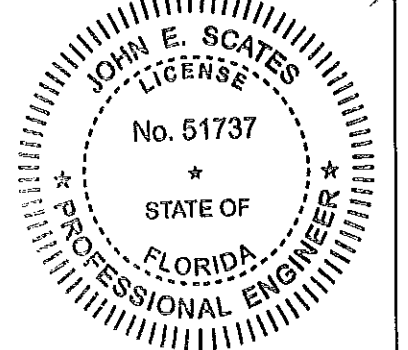
Series 110 Impact

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
2	RE-DESIGNED STRIKE PLATE	08/15/17	
3	UPDATED DWG PER UNIT TESTED	12/17/17	
4	ADDED ITEMS 51 & 52	03/15/18	
5	ADDED +/- 80 PSF RATING	03/23/18	
6	REVISED PER METRO DADE ENGR.	05/27/18	
7	REVISED PER METRO DADE ENGR.	07/15/18	
8	REVISED SEALANT DETAILS	04/23/19	
9	REVISED FOR NOA RENEWAL	08/06/19	

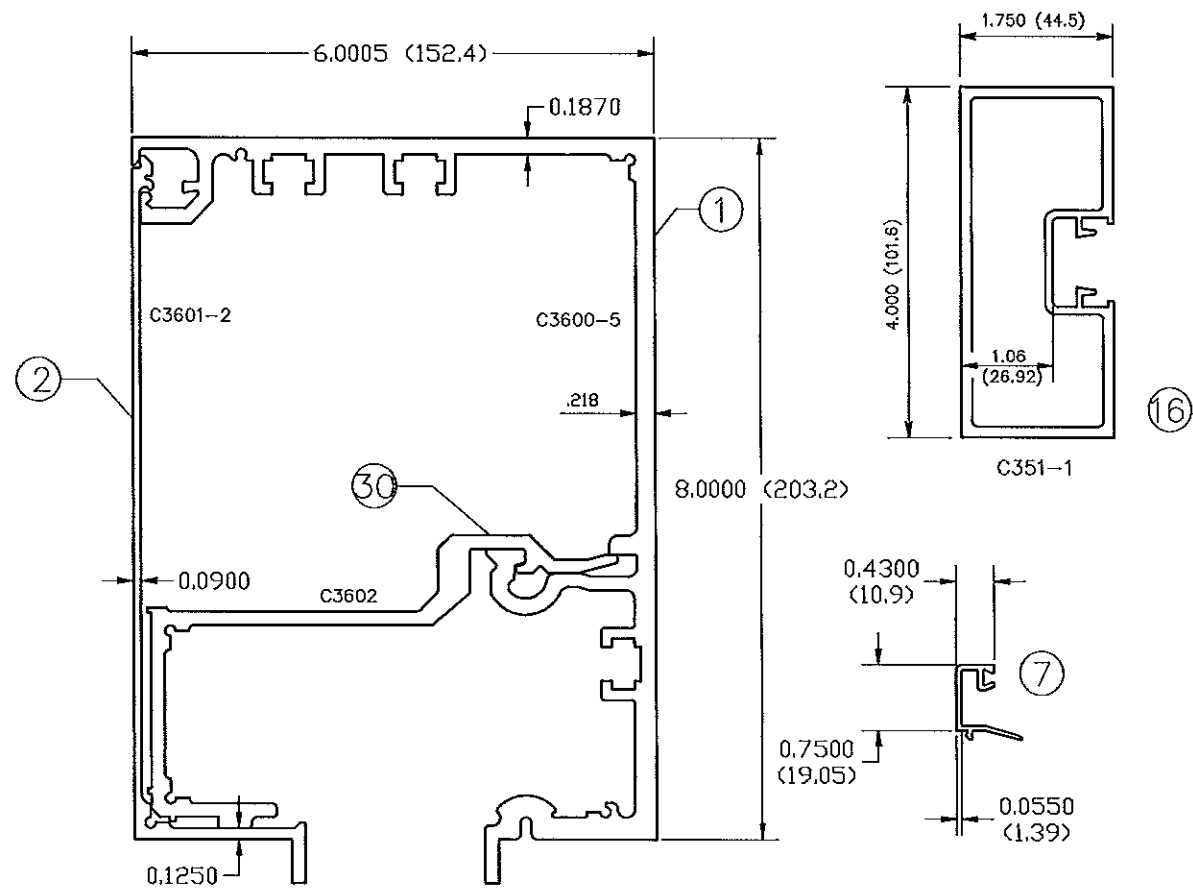
CONTRACTOR:	ARCHITECT:
SERIES: 2001/110 TYPE:	
STILE: NARROW FINISH:	
ACTUATION:	
Bill of materials	
Dwg. No. 110706	

A DIVISION OF OVERHEAD DOOR CORP.		
4242 BALDWIN BOULEVARD		
CORPUS CHRISTI, TEXAS 78405-3399		
361-888-5591 1-800-531-3111		
FAX: 361-888-5510, 1-800-531-3108		
JOB METRO-DADE		
LOCATION:		
DISTRIBUTOR:		
OWN: L Rod	P.O. #	SHEET 4 of 5
CHK: J LACKEY	DATE 11-07-08	REVISION 9

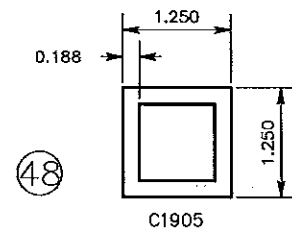
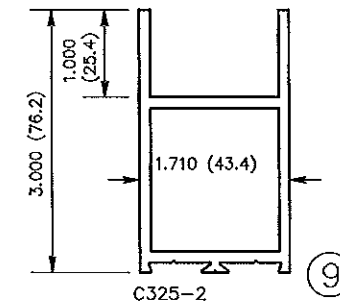
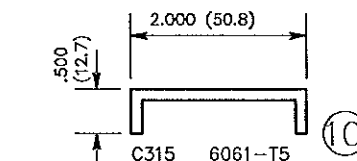
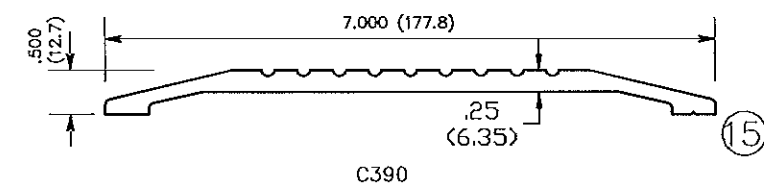
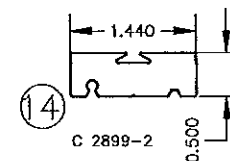
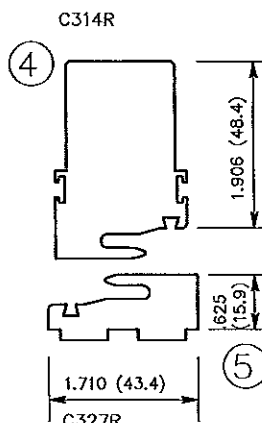
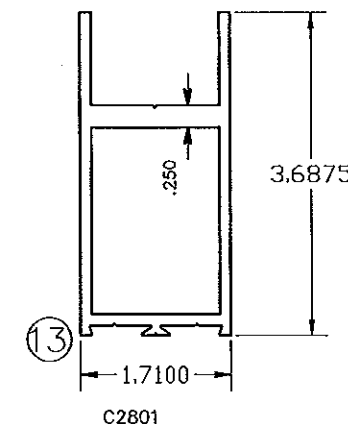
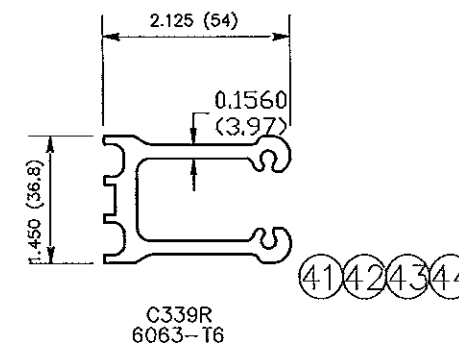
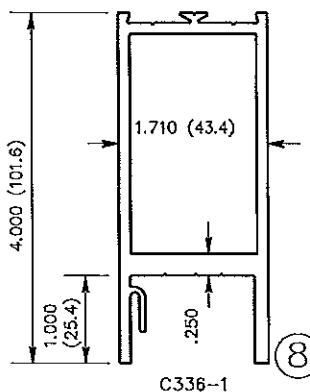
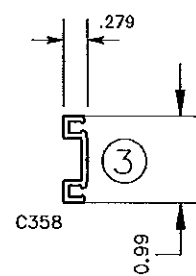
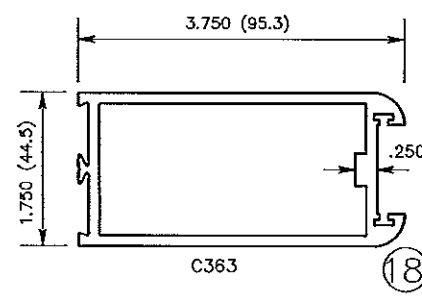
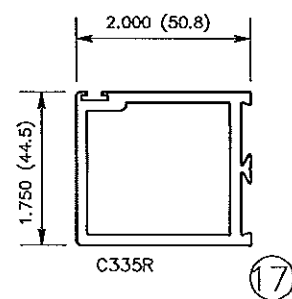
JOHN E. SCATES
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0530-12
Expiration Date 02/21/18
By [Signature]
Miami Dade Product Control



6" X 8"
(152.4) (203.2)
ASSEMBLED



C1905
ASTM A-36 STEEL

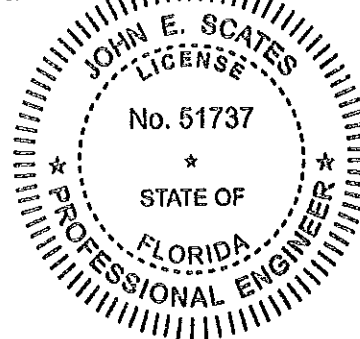
ALL EXTRUSIONS ARE 6063-T5 UNLESS
OTHERWISE NOTED & t min=1/8"

Series 110 Impact Slide

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
2	REINFORCED STRIKE RAIL	06/13/07	CONTRACTOR:
3	UPDATED DWG PER UNIT TESTED	12/17/07	SERIES: 110
4	ADDED ITEM 511 & 52	03/14/08	STYLE: NARROW
5	ADDED 4" x 6" FSF RATING	03/20/08	FINISH:
6	REVISED PER METRO DADE ENGR.	05/27/08	ACTUATION:
7	REVISED PER METRO DADE ENGR.	07/15/08	
8	REVISED SEALANT DETAILS	04/23/09	
9	REVISED FOR NOA RENEWAL	06/08/13	

Extrusion chart
Dwg. No. 110706

JOHN E. SCATES
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0530-12
Expiration Date AUG 21, 2018
By: *Shang L. Chan*
Miami Dade Product Control

A DIVISION OF OVERHEAD DOOR CORP. 4242 BALDWIN BOULEVARD CORPUS CHRISTI, TEXAS 78405-3399 361-888-5591 1-800-531-3111 FAX: 361-888-6510, 1-800-531-3108			
JOB: METRO-DADE			
LOCATION:			
DISTRIBUTOR:			
DWN: L.Rod	P.O. #	SHEET 5 of 5	
CRG: J.LACKEY	DATE: 11/07/06	REVISION	9